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DPM 2359-1

JAN 28 1982
HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: EPOCAST Hardener 985
2. MANUFACTURER'S NAME: Furane Plastics, Inc.
3. MANUFACTURER'S ADDRESS: 5121 San Fernando Rd. West, Los Angeles, California 90039
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: wash down with detergent and water
5. TRANSPORTATION AND STORAGE REQUIREMENTS: metal cans at room temperature
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: wash with soap and water
- B. EYE CONTACT: flush with water - consult physician
- C. INHALATION: remove to fresh air
- D. ANTIDOTE IN CASE OF SWALLOWING: water and mild vinegar
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: unknown
- B. LOCAL EFFECTS UPON EYES: Irritant - caustic
- C. LOCAL EFFECTS UPON SKIN: Allergic dermatitis in some individuals (rare) - No reported effect after 30 days of skin patch tests.
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Unknown but improbable because of odor
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): strong ammonia odor
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): unknown - considered a safety hardener
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) .98
- B. VAPOR DENSITY (AIR = 1) -
- C. VAPOR PRESSURE mm Hg AT 25° C. -
- D. pH > 7
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:
None

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? yes - avoid peroxides

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
<u>Polyimidazoline</u>	<u>100</u>

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? yes

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: See Safety Bulletin

10. RECOMMENDED PROTECTIVE EQUIPMENT: Eye shields - protective hand creams and rubber gloves

11. A. FLASHPOINT °F; CLOSED CUP _____; OPEN CUP > 350°; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: _____

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER _____; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO x

D. FIRE POINT °F _____; AUTO IGNITION TEMPERATURE °F _____

E. VAPOR DENSITY _____

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? oxides of carbon
hydrogen, nitrogen

G. SUITABLE EXTINGUISHING AGENTS: water, foam or dry powder

12. INFORMATION FURNISHED BY: W.J.Dewar

TITLE: Executive Staff
COMPANY: Furane Plastics, Inc.
ADDRESS: 5121 San Fernando Rd. West
Los Angeles, California
DATE: 6/15/71

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.